PREFACE.

ALL that is necessary to be said of the present Volume, in the way of preface, is to refer the reader to the GENERAL SUMMARY, p. 553., and to the Table of Contents.

J. C. L.

Bayswater, November 15. 1837.

ERRATA.

In p. 449. line 12., for "24 ft.," read "2 ft.;" line 6. from the bottom, for "base line *d*," read "base line *b a*." Insert the letter *g* on the pinnacle of the woodcut.

In p. 512. lines 13. and 14., for "diameter of the pillar: but here the wall and buttress are reduced," read, "diameter of the pillar, but here, the wall and buttress being reduced."

CONTENTS.

ORIGINAL COMMUNICATIONS.

Page

A Summary View of the Progress of Architecture in Britain during the past year, with some Notices relative to its State in Foreign Countries - - - - - 553

On the Rise, Progress, and present State of Architecture in North America. From the North American Review for October, 1836 - 5

The Three Hundred Churches of Rome, with some Hints upon the Advantages of Colour in Monumental Architecture; from an unpublished Journal of a Tour in Italy in 1835-36 - - - - - - 97

The first Christian Church - - - - - 232

On the ancient Castles of Britain; their Security and Strength; their admirable Construction as Fortresses of Defence, before the Invention of Cannon; and the Devices employed in their Design, for Protecting the Garrison, and for Deceiving the Enemy, in the Case of a close Siege, &c. - 361

Palaces and Ruins, with some Remarks on the Ceilings of the Middle Ages. From an unpublished "Tour in Italy." - - - 409

Essay on the Rise and Progress of Architecture in England - - - - - 420

The Poetry of Architecture; or, the Architecture of the Nations of Europe considered in its Association with natural Scenery and national Character - - - - - 505

No. I. Introduction. No. 2. The Cottage. I. The Lowland Cottage — England and France - - - - - 555

On the Use of Allegory in Architecture. Translated from the French of M. Quatremère de Quincy - - - - - 1

Experimental Essays on the Principles of Construction in Arches, Piers, Buttresses, &c. - - - 63. 288. 373. 446. 508

On the Perspective Plane - - - - 181

On the the Principles of Design. No. 1. Architecture,—continued from Vol. III. p. 400. 457

On certain improved Methods of constructing Valves or Sluices, as applied to Canal and Dock Gates, &c., and similar Works of Hydraulic Engineering - - - - - 209

An Experimental Enquiry into the Modes of warming and ventilating Apartments - 161

Observations on the Modes of warming and ventilating public and other Buildings, with Notes made upon several of these during a recent Journey in England - - - - 313

A Critical View of the National Gallery - 19. 57

An English Version of a French Plan - - 93

On the Cultivation of the Fine Arts in Germany - - - - - - - 49

Ciandidus's Note-Book. Fasciculus III. to IX., 70. 116. 190. 241. 326. 480. 513.

Cowell's Patent Sash Suspender - - 72

Principal Plan and Perspective Elevation of a Design for the new Houses of Parliament 112

Page

On the interior Arrangement of Churches. 237

On Competition in Architecture - - - 240

Remarks on Two Articles in the Quarterly and Edinburgh Reviews - - - 273

On the Effect which should result to Architecture, in regard to Design and Arrangement, from the general Introduction of Iron in the Construction of Buildings - - 277

A Word in Behalf of modern Houses - 295

Notes on modern Shop Fronts - - - 298

The Architectural Début at the New Apartments of the Royal Academy - - 301

On Public Illuminations in accordance with Architectural Forms. From Memorandums made in Italy - - - - 307

Notice of an Action brought by a Surveyor to recover his Charge for making certain Calculations - - - - - 331

Reasons for having an annual Exhibition of Architectural Drawings and Designs, distinct from the Exhibitions of the Royal Academy of Arts - - - - 371

On the Necessity of connecting Buildings in the Country, and especially Dwelling-houses, with the surrounding Scenery by means of Architectural Embellishments - - 380

Liverpool Medical Institution; designed by C. Rampling, Architect - - - 383

Compensation Suspension Bridge - - 385

Description of an easy Method of white-washing or colouring the Fronts of large Buildings, in use on the Continent - 387

Calculation of the Prime Cost Price of a Rod of Brickwork for a Railway Bridge in Kent - - - - - - 389

On Cemeteries - - - - - - 426

Thoughts on the present System of Competitions - - - - - - - 457

On the Obelisk from Luxor recently elevated in Paris; with some few Remarks on Obelisks generally - - - - - 464

Notes on modern Architecture - - - - 474

A Letter from Mr. G. Godwin, Jun., A.I.B.A., on the State of Architecture in the Provinces, to the Conductor - - - - 484

A Design for a new Truss - - - - 488

A Gate Lodge, or Cottage - - - - 490

On Parsey's natural Convergence of Perpendiculars - - - - - - 518

Design for a national Naval Monument; proposed to be erected in Trafalgar Square, Charing Cross - - - - - 520

Design for a small Cottage Villa - - 524

A suggestion as to the Manner in which the dilapidated Apex of the Luxor Obelisk at Paris should be restored to its original Form. From the French of J. J. Hittorff - 669

On Church Architecture, with Designs for a Church - - - - - - 566

Architectural Maxims - - - - 572

REVIEWS.

Transactions of the Institute of British Architects of London. Sessions 1835-36 - 33
Transactions of the Institution of Civil Engineers - - - - - 42
An Essay on the Nature, the End, and the Means of Imitation in the Fine Arts. Translated from the French of M. Quatremère de Quincy. By J. C. Kent - - - 43
A Complete Scientific and Popular Treatise upon Perspective, with the Theories of Reflection and Shadows; illustrated with 24 plates. By a Pupil of Mons. J. P. Thénot 198
A Glossary of Terms used in Grecian, Roman, Italian, and Gothic Architecture. Exemplified by One hundred and fifty Woodcuts 240
Elements of Architectural Criticism, for the Use of Students, Amateurs, and Reviewers. By Joseph Gwilt - - - - - - 333
A Treatise on the Strength of Timber, Cast Iron, Malleable Iron, and other Materials; with Rules for Application in Architecture, Construction of Suspension Bridges, Railways, &c.; with an Appendix on the Power of Locomotive Engines, and the Effect of inclined Planes and Gradients. By Peter Barlow, Esq., F.R.S. - - - - 335
A practical and scientific Treatise on calcareous Mortars and Cements, artificial and natural; containing Directions for ascertaining the Quality of the different Ingredients, for preparing them for Use, and for combining them together in the most advantageous Manner; with a theoretical Investigation of their Properties and Modes of Action. The whole founded upon an extensive Series of original Experiments, with Examples of their practical Application on a large Scale. By L. J. Vicat, Engineer in Chief of Bridges and Roads, formerly Pupil of the "Ecole Polytechnique," Member of the Legion of Honour, &c. Translated, with the Addition of Explanatory Notes, embracing Remarks upon the Results of various new Experiments, by Captain J. T. Smith, Madras Engineers, F.R.S. - - - - - - 587
The Churches of London: a History and Description of the Ecclesiastical Edifices of the Metropolis. By G. Godwin, Jun. 569. 143. 255. 341. 537
An Historical Essay on Architecture - - 529
History and Antiquities of the Manor House and Church at Great Chatfield, Wilts; forming Part II. of Examples of Gothic Architecture. Third Series. By T. Larkins 491
Le Keux's Memorials of Cambridge; a Series of Views of the Colleges, Halls, Churches, and other public Buildings, of the University and Town of Cambridge, engraved by J. Le Keux from original Drawings, made expressly for the Work; with historical and descriptive Accounts of the Buildings, &c. By Thomas Wright, M. A. - - - - - - 588
The Civil Engineer and Architect's Journal 578
Minutes of Proceedings of the Institution of Civil Engineers; containing Abstracts of Papers and of Conversations for the Session of 1837 - - - - - 579
New Houses of Parliament. 1. Letter from W. R. Hamilton to the Earl of Elgin, on the new Houses of Parliament. 2. Second Letter from W. R. Hamilton to the Earl of Elgin, on the Propriety of adopting the Greek Style of Architecture in the Construction of the new Houses of Parliament. 3. Letter to the Right Honourable Viscount Duncannon, First Commissioner of His Majesty's Woods, Works, &c., in Explanation of the Proceedings of the Architects, Competitors for building the new Houses of Parliament, who petitioned for an Examination into the Propriety of the Selection made by the Commissioners appointed under the Great Seal to select and classify not less than Three, nor more than Five, Plans for the Consideration of the Committees of both Houses, and to report generally on the other Plans. By Thomas Hopper - - - - - - 190
Report from the Select Committee on Metropolis Improvements; with the Minutes of Evidence and Appendix - - - 194
Contrasts; or, a Parallel between the noble Edifices of the Fourteenth and Fifteenth Centuries, and similar Buildings of the present Day; showing the present Decay of Taste; accompanied by appropriate Text. By A. Welby Pugin, Architect - - 132
Domestic Architecture in the Tudor Style, selected from Buildings erected after the Designs and under the Superintendence of P. F. Robinson, Architect, F.A.S., F.G.S., Vice President of the Institute of British Architects, &c. - - - - - 144
Observations on a Letter from W. R. Hamilton, Esq., to the Earl of Elgin, on the new Houses of Parliament. By Colonel J. R. Jackson - - - - - 198
Reply to "Contrasts," by A. Welby Pugin. By an Architect - - - - - 251
A popular Treatise on the Warming and Ventilation of Buildings; showing the Advantages of the improved System of heated Water Circulation, &c. By Charles James Richardson, Architect - - - - 253
Thoughts on the Expediency of a better System of Control and Supervision over Buildings erected at the public Expense; and on the Subject of Rebuilding the Houses of Parliament. By Lieutenant-Colonel the Hon. Sir Edward Cust - - 573
Analysis of Railways: consisting of a Series of Reports on the Twelve hundred Miles of projected Railways in England and Wales, now before Parliament; together with those which have been abandoned for the present Session; to which are added a Table of Distances from the proposed London Termini, to Eight well-known Places in the Metropolis; a Table exhibiting the Length, Cost, Tunneling, Curves, &c., of each of the Railways for which Bills are now in progress through Parliament; with a Glossary, and other useful Information. By Francis Whishaw, Esq. - - - - 255
An Appeal to the Public on the Subject of Railways. By George Godwin, jun. - 256
Observations addressed to those interested in either Railways or Turnpike Roads, showing the comparative Expedition, Safety, Convenience, and public and private Economy of these two Kinds of Road for internal Communication. By Alexander Gordon, Civil Engineer - - - 256
Arithmetic illustrated by Woodcuts, by which System the Principles of Calculation may be acquired as an Amusement. Invented and arranged by Arthur Parsey - - 258
Lectures on Popular Education. By George Combe - - - - - 260
On the comparative Merits of the various Systems of warming Buildings by Means of Hot Water. By W. Walker - - 336
Third Letter from W. R. Hamilton, Esq., to the Earl of Elgin, on the Propriety of adopting the Greek Style of Architecture in preference to the Gothic, in the Construction of the new Houses of Parliament - - 340
Domestic Clubs for the Working Classes. By a Freeman of Exeter - - - 340
The Antiquities of Athens, and other Monuments of Greece, as measured and delineated by James Stuart, F.R.S., F.S.A., and Nicolas Revell, Painters and Architects - 341
Temples, Ancient and Modern; or, Notes on Church Architecture - - - 391
Observations on the Architecture of England

during the Reigns of Queen Elizabeth and King James I. - - - 393
Plans and Elevations of the proposed Restorations and Additions to the Cathedral of Glasgow - - - - - 394
The Cabinet-maker's Sketch-Book of plain and useful Designs. Vol II., consisting of Cabinet-work generally - - - 394
A Series of Plans for Labourers' Cottages, and other Habitations, constructed upon economical Principles, and adapted to Town and Country Dwellings; engraved on Thirty Plates: with an Introduction, containing many useful Observations on this Class of Buildings, tending to the Comfort of the Poor, and the Advantage of the Builder; with Calculations of Expenses - 399
A Lecture on the Dry Rot, and on the most effectual Means of preventing it; delivered before the Institute of British Architects, April 3. 1837. By Robert Dickson, M.D., F.L.S. - - - - - 532
Ornaments in every Style of Design practically applicable to the Decoration of the Interior of domestic and public Buildings; and intended for the Assistance of the Architect, Builder, Upholsterer, and Decorator; manufactured in Papier Mâché. By C. F. Bielefield - - - - 538
Library Catalogue and Regulations of the Telford Premiums, of the Institution of Civil Engineers - - - - 538
Report by a Committee of the Society of Arts in Scotland, on the best Alphabet and Method of Printing for the Use of the Blind - 540
Catalogue of Works on Architecture, &c.:—Drake's Road Book of the Grand Junction Railway; Bennett's Original Geometrical Illustrations; Gwilt's Appendix to Elements of Architectural Criticism - - 589

LITERARY NOTICES.

Robinson's Domestic Vitruvius - - 44
Letter to Lord Viscount Duncannon on the new Houses of Parliament - - 44
Bartholomew's Specifications for Practical Architecture - - - - 44
Britton's Catalogue Raisonné of a unique Collection of Books on Cathedral and Architectural Antiquities; also Drawings, Manuscripts, &c., for Sale at the low Prices affixed to each Article. To be seen at No. 17. Burton Street, London - - 144
Pugin's Details of Ancient Timber Houses - 144
The Letters of Panopticus to the Morning Post, on the Designs for the Houses of Parliament - - - - 145
Butler's Model Farm-Houses and Cottages for Ireland - - - - 145
Litronne on historic mural Painting, and the Decoration of Temples, and other public and private Edifices, among the Greeks and Romans - - - - - 145
Britton's Ancient and modern domestic Architecture - - - - 146
Pugin's Vicar's Close, Wells - - 146
Walker's Continuation of Pugin's Works on the Architecture of the Middle Ages - 202
Bardwell's Temples, Ancient and Modern; or, Notes on Church Architecture - 202
Whishaw's Complete Analysis of the projected Railways in England and Wales - 203
The Gallery of Practical Science - - 203
Godwin's Tabular Chronological Epitome of the History of Architecture in England - 203
Bree's Railway Practice - - - 203
Davy's Treatise on Artificial Foundations for Buildings, Railways, &c. - - 203
Donaldson's professional Life and Works of the late Sir John Soane - - - 203
La Villa Pia des Jardins du Vatican, &c. - 541
Hood's Practical Treatise on warming Buildings by hot Water, and an Enquiry into the Laws of radiant and conducted Heat. To which are added, Remarks on Ventilation, and on the various Methods of distributing artificial Heat, and their effects on Animal and Vegetable Physiology - - 589
The Public Works of Great Britain - 589
Elmes's historical, commercial, and scientific Survey of the Port of London - - 589
Hugo Reid's Chemistry of Nature, designed as a popular Exposition of the Chemical Constitution and Relations of natural Objects, and as a general Introduction to the Study of Chemical Science - - 589
Papers on Subjects connected with the Duties of the Corps of Royal Engineers - 590
Simms's Scetio-Planography: a Description of Mr. Macneil's Method of laying down Railway Sections - - - 590
Simms's Treatise on the principal Mathematical Drawing Instruments employed by the Engineer, Architect, and Surveyor - 590
Remarks on Captain Alderson's Report on the various Lines of Railway to Brighton - 590

MISCELLANEOUS INTELLIGENCE.

GENERAL NOTICES.

Dining-rooms - - - - 147
Dining-rooms in London - - 147
Origin of Gothic Architecture - - 203
Defacing public Buildings and other Objects 203
Reasons why Arcs of Ellipses, or Circles, are pleasing to the Eye - - - 204
On the Influence of Construction on Style in Architecture - - - - - 261
Civil Architecture - - - - - 261
India Rubber Paint - - - - 348
A Collection of all the different Kinds of Stone found in the United Kingdom - 456
National Taste in Architecture - - 404
Gothic Architecture - - - - 404
Improved Church Bell - - - 404
Painted Ceilings - - - - 404
Cuir mâché - - - - - 404
Magnitude when joined with Irregularity - 541
The Dry Rot - - - - 541
Forms of Heating Apparatus - - 541
Cemeteries - - - - - 542
Pompey's Pillar - - - - 590
Wages of Workmen - - - - 590
Ruthven's Improvement on Iron Rails for Railroads - - - - 591
New Hydraulic Machine for raising Water from the Seine - - - - 149
Lebas's Model Prison - - - - 149
The Church of Madonna of Loretto - 149
Cloth of Glass - - - - 261
Notice of M. G. Abel Blouet - - 311
Report on the public Buildings in Paris for 1836 - - - - - 542
Monuments and public Buildings belonging to the State finished in 1836 - - 542
Monuments and Public Edifices nearly finished at the end of 1836 - - 543
Public Edifices belonging to private Individuals finished in 1836 - - 543
Private Buildings - - - - 543
Artesian Wells - - - - 543
A temporary Bridge of Ropes - - 543
Monument to Joachim Murat - - 573
The Antiquarian Commission for the Côte d'Or - - - - - 593

FOREIGN NOTICES.

France.

Obelisk in the Place Louis XV. - - 149

Belgium.

Antwerp - - - - - 407
Town Embellishment Society - 594
Madame Malibran's Monument - - 594

Spain.

Architecture and Engineering in Spain - 407
Spanish Architecture - - - 594

Germany.

Competition Designs wanted for building an Exchange in Hamburg - - - 149

The Palace of Wilhelmsburg at Brunswick - 204
Polychromically painted House at Hamburg 205
Blasting Rocks by Lightning - 262
Great Works begun or projected at Vienna - 262
Eye-shaped Windows - - - 263
The Glyptotheka at Munich - - 263

Greece.

Present State of Athens - - 497

Egypt.

The Bridge of the Nile - - - 544

Russia.

A Column to the Memory of Alexander I. in Petersburg - - - 205
A Railroad between Petersburg and Tzarskojselo - - - - 262
St. Petersburg - - - - - 595
A Gas Company - - - - - 295

North America.

State of public Architecture in the United States - - - - - 544

South America.

Railroad across the Isthmus of Panama - 205

Africa.

Moorish Manner of Building - - 205

DOMESTIC NOTICES.

England.

London and its Environs:—

New Churches - - - - 73
Reported Failure of the Foundations of the Bank of England - - - 73
Foundling Hospital - - - 73
Lambeth New Bridge - - - 73
New Houses of Parliament - - 74
Heating by Gas - - - - 74
Designs for Literary Retreats - - 74
Architectural Drawings at the Royal Academy - - - - 74
The District Surveyorship of St. George's - 74
Damage at the Royal Exchange - - 74
Parliamentary Agency Offices - - 75
New Houses of Parliament - - - 151
Street Houses - - - - 151
The new Houses of Parliament - - 206
Addition to the Post-Office - - 206
The Duke of Wellington's Monument - 206
Venetian Blinds made of Glass instead of Wood - - - - - 206
The Medals of the Institute of British Architects to be awarded in 1838 - - 207
The Art-Union; a Society for the Advancement of the Fine Arts - - - 262
The new Houses of Parliament - - 263
Architectural Drawings by Bruce, the Traveller in Abyssinia - - - 264
New Professor of Architecture in the Royal Academy - - - - 264
Canonbury Tower - - - - 264
The Library of the late George Dance - 311
The Institute of British Architects - 348
Institute of Civil Engineers - - 349
Central School of Science - - 349
School of Design - - - - 350
Free Admission to national Buildings - 350
The new Houses of Parliament - - 545
A Suburban Villa Company - - 548
The National Gallery - - - 400
The Chapel Royal of King Henry VIII. at St. James's Palace - - - 400
Paving Streets with Wood - - - 497
The National Gallery and Trafalgar Square - 498
Wellerstedt's Patent Marine Metal - - 498
The London Water Companies - - 595
The Wooden Pavement for Oxford Street - 597
Iron Pavement in London - - 597
The Wellington Monument - - 597
The new Houses of Parliament - - 597
Hackney Church and Tower - - - 598

Anglesea, Isle of:—

Hollyhead Harbour - - - 548

Berkshire:—

Royal Berks Hospital - - - 75
Exhibition of the Hospital Plans - - 151

Cheshire:—

New Church at Birkenhead - - 401
New Church at Accrington, near Blackburne 401
Mechanics' Institution at Chester - - 401
The Grand Junction Railway Viaduct at Dutton - - - - - 401

Cornwall:—

An Obelisk as a Lighthouse - - 598

Devonshire:—

County Lunatic Asylum - - - 75
The Western Market at Exeter - 312
Exeter Lower Market - - - 499

Essex:—

New Chapel at Chigwell - - - 312
Haggerstone Church - - - 312
New Chapel at Chigwell - - - 401
Haggerstone Church - - - 401
Two Protestant Episcopal Chapels - - 548

Isle of Wight:—

Building Churches - - - 312. 499

Kent:—

A public Grammar School at Gravesend - 75
New Roman Catholic Chapel at Tunbridge Wells - - - - - - 351
Tunbridge - - - - - - 499

Lancashire:—

Liverpool Custom House - - - 75
Useful Association at Liverpool - 76
Mr. Coad's Plan for consuming Smoke - 76
Statue of the late Mr. Huskisson - - 77
Destruction by Fire of the new Building for the Liverpool Mechanics' Institution - 266
The Manchester Architectural Society - 351
New Buildings at Liverpool - - 401
Trinity Church, Blackburn - - - 598

Leicestershire:—

A general News-Room and Library at Leicester - - - - - 78

Northumberland:—

Improvement of the River Tyne - - 403

Nottinghamshire:—

New Cemetery - - - - - 78

Oxfordshire:—

The new Vehicle Retarder - - 78
The Conservatory at Ditchley - - 548

Shropshire:—

Completion of Trinity Church, Shrewsbury - 550

Somersetshire:—

New Church at Bath - - - 78

Suffolk:—

Revolving Shutters at Ipswich - - 79
New Church at Weshley - - - 79
New Chapel at Ipswich - - - 79

Surrey:—

Improvements at Deep Dene, near Dorking - 79
Dorking - - - - - 499
Kingston - - - - - 499

Sussex:—

Chapel of Ease at Brightlingsea - - 79
Almshouses at Petworth - - 80

Warwickshire:—

Bishop Ryder's Church, Birmingham - 80
New Branch Banking House at Birmingham 80
Shakspeare's Monument, and the Chancel of Stratford Church - - - - 80

Wilts:—

A monumental Pillar - - - 599

Yorkshire:—

The Minster, and new Buildings, at York - 80
Beverly Minster - - - - 81
Cemetery in Sharrow Vale, Sheffield - 81

Scotland:—

Committee of Subscribers to Sir Walter Scott's Monument at Edinburgh - - 153. 599
A Highland Hut - - - - 83
Norwegian Cottages, as compared with those of Scotland - - - - - 83
New Lamp for Railways - - - 83

Lanarkshire:—

Chimney Shaft at Glasgow - - 84
Superiority of low-Chimney Shafts properly constructed - - - - - 84
New Glasgow Water Company - - 403

Perthshire:—

County Infirmary at Perth - - 84

Ireland.

Dublin: The Bean Ideal of a comfortable House - - - - - 84

RETROSPECTIVE CRITICISM.

Errata - - - - - 86
Collie's Cathedral of Glasgow - 86
Mr. Griffith's Chapel - - 86
Lamb's Villa - - - - 86
G. B. W.'s Truss - - - - 87
Whiting's Patent Sashes - - 88
A Plan by which the Lines, &c., of hung Window-shutters may be concealed - 88
Polychromic Architecture - - 89
Sopwith on the Principles of Design - 89
On the Construction of Oblique Arches - 90
Transactions of the Institution of Civil Engineers - - - - - 154
Transactions of the Institute of British Architects - - - - - 154
On Mr. Peter Nicholson's Rule for the Construction of the Oblique Arch - 266
Mr. Perkins's Hot-Water Pressure System - 268
Mr. Edmond on the Perspective Plane - 269
Whether G. B. W.'s Truss, or Cole's Truss is best - - - - - 270, 500
Edge Railways - - - - - 312
Warming and Ventilating - - - 312
Combe's Lectures on Popular Education - 353
Bursting of a Hot-Water Apparatus, &c. - 355
Separate Exhibitions of Architectural Designs - - - - - 403
Winkle's Cathedrals - - - - 403
Bland's Experimental Essays - - 403
The new Houses of Parliament - - 404
Warming and Ventilating - - - 404
Mr. Hansom's Design for a Town Hall and Market-House - - - - 405
A Word in behalf of modern Houses - 502
The Encyclopædia of Cottage, Farm, and Villa Architecture - - - - 503
A Word in behalf of modern Houses - 550
G. B. W. in reply to A. Y. W. - - 551
Designs for Churches - - - 600

QUERIES AND ANSWERS.

A Design for a new Town Hall wanted for a Borough Town - - - - - 90
Dr. Arnott's Stove - - - - 154
Lifting Window-Shutters - - - 271
Architectural Modelling - - - 271
A House with a private Observatory - - 271
The Architectural Treatment of Warm and Vapour Baths - - - - 407
A House with an Observatory over it - 408
Quality of American Pine - - - 408
New London Bridge - - - - 552
Rendering Thatch incombustible - - 552
A Town with spiral Streets - - 552
High Cliff, Lord Stewart de Rothsay's - 600
Roman Sewers - - - - - 600

REPORT ON THE LAST EXCAVATIONS IN THE ANCIENT THEATRE OF CATANIA. Made by Sebastian Ittar, Architect of the Commune, and Honorary Member of the Royal Institute of British Architects - - - - 456
EMPLOYMENT OF PAINTING ON THE FUNERAL MONUMENTS OF THE GREEKS - - 499
PROFESSIONAL PRECEDENTS.
No. 1. Churches and Chapels - - 45
No. 2. A Shire Hall and Courts of Justice 146
No. 3. Contract for building new Churches 341

INSTITUTE OF BRITISH ARCHITECTS.

Meetings: Nov. 22d, Dec. 5th, 48; Dec. 19th, 90; Jan. 16th, 155; Feb. 13th, 157; Feb. 27th, 207; March 13th, 208; April 3d, 272; April 17th, 555; May 15th, 29th, and June 12th, 360; June 26th, July 10th - - 408
ARCHITECTURAL SOCIETY - - - 92
INSTITUTION OF CIVIL ENGINEERS - - 94
SOCIETY OF AMATEURS OF ART - - 96
BIOGRAPHY OF J. N. L. DURAND, ARCHITECT 351

OBITUARY.

William Ivory - - - - - 96
Sir John Soane - - - - - 157

LIST OF ENGRAVINGS.

Public Buildings.

No. Page
1, 2. Elevations of the National Gallery, 25—27
7—10. Plan and Elevations of the National Gallery - - - - 58—61
112—113. Elevation and Plan for a new National Naval Monument - 521—522
17, 18 Elevation and Plan of Thompson's Design for the new Houses of Parliament - - - - - 113—115
71—73. Elevations and Plans of the Liverpool Medical Institution - - 383, 384
93, 94. Plans for a Town hall and Market House - - - - - 406, 407
95—99. Plans and Elevation of St. Mary's Cemetery, Kirkdale, Liverpool - 434—437
45. Interior Arrangement of a Church - 239
129—132. Designs for a Church - 567—571

Private Buildings.

107, 108. Elevation and Plan of a Gate Lodge, or Cottage - - - 490
114—119. Plans and Elevations for a small Cottage Villa - - - 525—527
120, 121. Elevation and Plan of the Conservatory at Ditchley - - - 549
63, 64. Plan and Section of an Ancient British Castle - - 364, 365
70. Ground Plan of a House - - 381

Geometrical Diagrams, &c.

11—14. Principles of Construction in Arches, Piers, Buttresses, &c. - - - 63—67
56—62. Ditto, ditto - - - 288—294
65—69. The Principles of Construction in Arches, Piers, Buttresses, &c. - 374—379
100—104. Ditto, ditto - - 448—454
109—111. Ditto, ditto - - 508—511
19—22. Eccentric Fan - - 174—176
23—28. The Perspective Plane - 187—189
29—Polyprosopic Hot-house - - 206
49—55. Iron Roofs - - - 281—287
106. Design for a Truss - - - 489

Engineering.

30—44. Valves and Sluices for Canal and Dock Gates - - - 211—229
74—77. Compensation Suspension Bridge, 385, 386
105. Mode of raising the Obelisk of Luxor 470
133, 134. Ruthven's improved Rail for Railroads - - - - 591, 592

Furnishing.

79—87. Designs for Tables - - 395—397
88, 89. Tea Chests - - - - 397
90. Dinner Waggon - - - - 398
91, 92. Architectural Commode and Bookcase - - - - 398, 399

Miscellaneous.

3, 4. English Version of a French Plan 29—31
5, 6. Circular Flues - - - - 40
15, 16. Cowell's Patent Sash Suspender 72
47—48. Mode of lifting Windows - 271, 272
78. Continental Mode of Whitewashing Houses - - - - - 388
122—128. Obelisk of Luxor - - 561—563

LIST OF CONTRIBUTORS.

	Page
A. B.	251
Amicus	298. 474
An Amateur	19. 57. 600
Ash, M. J. B.	331
Astronomicus	272
A. Y. W.	488
B.	160. 403
Bellamy, Thomas	520
Bland, William	68, 288. 373. 446. 508
Brown, Henry, York	408
C.	76. 542
Candidus	70. 116. 190. 241. 273. 480. 513. 518
Cid, Birmingham	403. 408
Coles, W.	270
Conductor	149. 197. 204. 207. 261. 263. 271. 312. 326. 348. 400. 406. 494. 541. 548. 552, 553
Coxon, Charles	393
E. B. L.	86, 87
Eder	437
Edmond, A. M. A.	181
E. F., Edinburgh	154
F.	566
Foggo, George	351
Fowler, Charles, F.I.B.A.	312
G. B. L.	503
G. B. W, 74, 75. 88. 490. 502. 552. 594. 597
G. C.	554
G. H. B.	93
G. M. E.	83
Godwin, G., A.I.B.A.	464. 484
G. P., Dublin	90
G. R., Flintshire	90
Hawkins, John Isaac	387
H. C.	197
Humphreys, Henry Noel	97. 232. 307. 409
J. B.	80
J. E. B.	404
J. K.	401
J. M.	86
J. R., Edinburgh	606
K. C.	402
Kata Phusin	505. 555
Lamb, E. B., F.I.B.A.	404
Leeds, W. H.	28. 295
Lush, Frederick	73, 74, 75, 151. 254. 401. 403. 499. 548
M.	73. 277
M. C.	456
M. I. B.A.	151. 264. 311. 349, 350. 497. 560 500. 590. 595.
Mallet, Robert, M.R.I.A., M.S.C.E.I.	210. 268. 312
P.	1. 147
P., Liverpool	266
Parsey, Arthur	270. 555
Philips, R. E.	490
Picton, J. A., Liverpool	426. 500
Pitman, H. G., Windsor	552
Prideaux, John	385
R.	202
Reynolds, John	72
R. J. E.	312
Ritchie, Robert	313
Robertson, John	361
R. V., Worcester	89. 549. 592
Selim	237. 380
Sopwith, T., F.G.S.	457
S. L. F. H.	205
S. T.	78
S. T. W.	89
T. B.	206
T. D.	405
Thompson, Peter	112
T. P.	494
Tyro	312
Ure, Andrew, M.D., F.R.S., &c.	161
W.	349. 541
Walker, W., Dublin	555
W. C. G.	81
W. H. L.	551
Williams, John, Brighton	600
Woolley, John	49
W. P. G.	74. 79
W. S.	79, 80. 371. 389
W. T., Norwich	154. 206
Y.	240
Y. D. and Co.	499
Z., Hertford	79. 88
Zero	86. 407

BUILDINGS DESCRIBED OR REFERRED TO.

Academy, Royal, 301.
Alms-houses, Mariners', Hull, 517.
Arc de l'Etoile, 542.
Asylum, Devonshire County Lunatic, 75.
Banks: United States, 5; of England, 73; York Union, 80.
Bridges: Rochester Old, 63; Rochester New, 64; Waterloo, 65; of the Nile, 544; Chester, 585.
Capitol at Washington, 5.
Cathedrals: Rochester, 374; Glasgow, 394; Canterbury, 450.
Cemeteries: Mount Auburn, 16; Nottingham, 78; Sheffield, 81; St. James's, Liverpool, 431.
Chapels: St. Mary's College, Baltimore, 14; Sistine Rome, 15; St. Clement's, Ipswich, 79; Brightlingsea, 79; Paolina, 101; Sistina, 101; Henry VIII.'s, 400; King's College, Cambridge, 446; Holmwood, 499; Hook, 499.
Chapter-house, Salisbury, 508.
Churches: Park Street, Boston, 10; Federal Street, Boston, 10; Grace, New York, 11; Orthodon, Boston, 11; Trinity, Boston, 11; St. Paul's, Boston, 12; La Madeleine, 71; Wesbley, 79; Bishop Ryder's, Birmingham, 80; St. Mary Woolnoth, 117; St. Mary-le-Strand, 117; S. Giovanni Laterano, 98, 238; S. Paolo, 97. Sta. Maria Maggiore, 100; St. Peter's, 100. 190; St. Paul's, 105, 191; Hartlip, 288; Newington, 289; Sittingbourne, 292; St. Dunstan's, 301; Haggerstone, 312, 491; St. Saviour's, Southwark, 373; Chatfield, 491; Temple, 537; All-Hallow's, 537; St. Bartholomew's, 537; Notre Dame, 542; St. Denis, 542; Hackney Church, 598; Trinity, Blackburn, 598.
City Hall, New York, 6.
Club-house, Oxford and Cambridge University, 553.
Court-house, Boston, 9.
Custom Houses: New York, 6; Liverpool, 75; London, 162.
Docks, Hull, 230.
Exchanges: Royal, 74; Hamburgh, 149; Philadelphia, 5.
Fire Office, Atlas, 553.
Gallery, National, 19. 33. 57. 400. 499.
Gas-work, York Union, 80.
Glyptotheka, Munich, 593.
Harbour, Holyhead, 548.
Hospitals: Massachusets General, 8; Rainsford Island; Foundling, 73; Royal Berks, 75. 151.
Hotel, Exchange, New Orleans, 544.
Hôtel Dieu, 542.
Houses of Commons, 74.
Houses of Parliament, 112. 120. 544. 597.
Infirmaries: Perth, 84; Derby, 404.
Institutions: Liverpool Mechanics', 264; Liverpool Medical, 383, 402.
Insurance Office, Atlas, 474.
Markets: Hungerford, 38; Exeter Western, 311; Exeter Lower, 499; La Vallée, 542; La Madeleine, 543; Foire St. Laurent, 543.
Minsters: York, 80; Beverly, 81.
Mint, Philadelphia, 5.
Monuments: Shakspeare's, 80; Sir Walter Scott's, 153. 599; Wellington's, 206; Joachim Murat's, 593; Madame Malibran's, 594.
Museums: Berlin, 55; Fitzwilliam's, Cambridge, 487.
News-Rooms: Leicester, 78; York, 80.
Obelisk of Luxor, 464. 542. 561.
Observatory, Greenwich, 583.
Palaces: Wilhelmsburg, 204; new, at Pimlico, 554.
Pillar, Pompey's, 590.
Railways: Great Western, 554; Northern and Eastern, 554; London and Birmingham, 554; Eastern Counties, 554; Croydon, Greenwich, Brighton, 554.
Schools: Grammar, 75; York Preparatory, 80; Central School of Science, 349; Manchester, Deaf and Dumb, 487; City, 583.
State Houses: New Haven, 7; Boston, 7.
Temples: of Virtue and Honour, 1; of Vesta, 1; of Mercury, 2.
Theatres: Tremont, Boston, 8; Royal Berlin, 53; St. James's, 117; New Orleans, 545.
Town Hall, Birmingham, 443. 485.
Tunnel, Thames, 554. 585.
Viaduct, Grand Junction Railway, 401.
Wacht Gebäude, 56.